AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-29.   (Canceled)

30.   (Currently Amended) A computerized method for managing studies transferred from at least one acquisition device to a study process server in order to transfer the studies to at least one review station, the computerized method comprising:

without having previously distributed the studies to a review station:

automatically sorting the studies into a plurality of working sets at the study process server, each working set comprising a collection of studies to be reviewed by at least one clinician as a set,

automatically selecting a subset of studies from a first working set to be transferred to a review station, and

automatically transferring [[a]] the subset of studies from [[a]] the first working set from the study process server to a review station such that the subset of studies from the first working set is available for review at the review station upon detecting a login;

after completing transfer of transferring the subset of studies from the first working set to the review station, monitoring the review station for clinician review of the subset of studies from the first working set;

detecting a clinician reviewing the subset of studies from the first working set at the review station; and

populating the review station with additional studies from the first working set upon detecting the clinician reviewing the subset of studies from the first working set at the review station.

31.   (Previously Presented)   The method of claim 30, further comprising distributing the subset of studies from the first working set to each of a plurality of review stations.

32.   (Previously Presented)   The method of claim 30, further comprising implementing a predictive algorithm to identify a set of review stations and distributing the subset of studies from the first working set to the identified review stations.

33.   (Previously Presented)   The method of claim 30, further comprising continuously monitoring the review station to determine if review of a study from the first working set has been completed and removing the study from the first working set after review of the study has been completed.

34.   (Previously Presented)   The method of claim 33, further comprising deleting the study from at least one other review station in response to determining that review of the study has been completed.

35.   (Previously Presented)   The method of claim 30, further comprising monitoring the review station for a low buffer threshold and re-populating the review station with an additional subset of studies upon reaching the low buffer threshold.

36.   (Currently Amended) One or more computer storage media storing computer-useable instruction that, when used by a computing device, cause the computing device to perform a computerized method for managing studies transferred from at least one acquisition device to a study process server in order to transfer the studies to at least one review station, the computerized method comprising:

without having previously distributed the studies to a review station:

automatically sorting the studies into a plurality of working sets at the study process server, each working set comprising a collection of studies to be reviewed by at least one clinician as a set,

automatically selecting a subset of studies from a first working set to be transferred to a review station, and

automatically transferring [[a]] the subset of studies from [[a]] the first working set from the study process server to a review station such that the subset of studies from the first working set is available for review at the review station upon detecting a login;

after completing transfer of transferring the subset of studies from the first working set to the review station, monitoring the review station for clinician review of the subset of studies from the first working set;

detecting a clinician reviewing the subset of studies from the first working set at the review station; and

populating the review station with additional studies from the first working set upon detecting the clinician reviewing the subset of studies from the first working set at the review station.

37.   (Previously Presented)   The one or more computer storage media of claim 36, further comprising distributing the subset of studies from the first working set to each of a plurality of review stations.

38.   (Previously Presented)   The one or more computer storage media of claim 36, further comprising implementing a predictive algorithm to identify a set of review stations and distributing the subset of studies from the first working set to the identified review stations.

39.   (Previously Presented)   The one or more computer storage media of claim 36, further comprising continuously monitoring the review station to determine if review of a study from the first working set has been completed and removing the study from the first working set after review of the study has been completed.

40.   (Previously Presented)   The one or more computer storage media of claim 39, further comprising deleting the study from at least one other review station in response to determining that review of the study has been completed.

41.   (Previously Presented)   The one or more computer storage media of claim 36, further comprising monitoring the review station for a low buffer threshold and re-populating the review station with an additional subset of studies upon reaching the low buffer threshold.

42.   (Currently Amended) A system for managing studies transferred from at least one acquisition device to a study process server in order to transfer the studies to at least one review station, the system including at least one processor and one or more computer storage media having a plurality of modules embodied thereon, the modules comprising:

a study sorting module that automatically sorts studies received by the study process server from the at least one acquisition device into a plurality of working sets, each working set comprising a collection of studies to be reviewed by at least one clinician as a set;

a study distribution module that automatically <u>selects a subset of studies from the first working set and </u>distributes [[a]] <u>the</u> subset of studies from [[a]] <u>the</u> first working set to a review station such that the subset of studies from the first working set is available on demand for review by a clinician at the review station; and

a study control module that monitors the review station for clinician review of the subset of studies from the first working set <u>after the subset of studies have been transferred to the review station </u>and causes additional studies from the first working set to be transferred to the review station upon detecting a clinician reviewing the subset of studies from the first working set at the review station.

43.   (Previously Presented)   The system of claim 42, wherein the study distribution module distributes the subset of studies from the first working set to each of a plurality of review stations.

44. (Previously Presented) The system of claim 42, wherein the study distribution module implements a predictive algorithm to identify a set of review stations and distributes the subset of studies from the first working set to the identified review stations.

45. (Previously Presented) The system of claim 42, wherein the study control module continuously monitors the review station to determine if review of a study from the first working set has been completed and removes the study from the first working set after review of the study has been completed.

46. (Previously Presented) The system of claim 45, wherein the study is deleted from at least one other review station in response to determining that review of the study has been completed.

47. (Previously Presented) The system of claim 42, wherein the study control module monitors the review station for a low buffer threshold and re-populates the review station with an additional subset of studies upon reaching the low buffer threshold.